



### C9400-LC-48UX DataSheet

C9400-LC-48UX: 48-port 1G UPOE line card with 60W per port, MACsec-256 encryption, and 480 Gbps bandwidth for secure, high-performance access switching.

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## C9400-LC-48UX Description

The C9400-LC-48UX is a 48-port 1G RJ-45 UPOE line card with integrated MACsec encryption, designed for Cisco Catalyst 9400 Series switches. Capable of delivering up to 60W of power per port, it enables secure, high-power PoE deployment for enterprise networks requiring both energy delivery and hardware encryption. With support for jumbo frames, Energy Efficient Ethernet, and up to 480 Gbps slot bandwidth, this module is well-suited for enterprise campuses deploying IP phones, access points, or IoT endpoints. It is compatible with all Catalyst 9400 supervisors and chassis.

## Specification

Parameter	Description
Model	C9400-LC-48UX
Port Count	48 × RJ-45 ports
Port Speed	10/100/1000 Mbps
PoE Type	Cisco UPOE (60W per port)
MACsec	256-bit hardware encryption supported
Slot Bandwidth	Up to 480 Gbps (with SUP-2XL)
Energy Efficient Ethernet	IEEE 802.3az supported
Jumbo Frame Support	Up to 9216 bytes
RFID	Integrated passive RFID tag
IOS XE Requirement	16.6.1 or later
Supervisor Compatibility	SUP-1, 1XL, 2, 2XL
Chassis Compatibility	C9404R, C9407R, C9410R
MTBF	437,300 hours

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